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# **Military – Civilian Partnership**

## **A Model for Collaboration and Mutual Benefit**

**Wendy Lyons, RN, BSN, MS-L**  
**Scottsdale Healthcare**



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# Scottsdale Healthcare's Vision

- **Working with military and corporate partners today will help us ALL in the future.**
  - **Disaster Readiness**
  - **Education and training**
  - **National Prototypes**
  - **Technological Advances**



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# In the Headlines

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## OPINIONS

Editorials represent the opinion of the newspaper, whose Editorial Board consists of Michael Ryan, Dan Nowicki and Dale Hajek. Nowicki is a member of The Arizona Republic editorial board.

### EDITORIAL

## City needs to prepare for disaster, just in case

**Our stand:** Having new Fire Dept. make time right for fresh approach

The federal, state and local government failings exposed by Hurricane Katrina should give every American pause.

And local officials, including those in Scottsdale, should rethink their community emergency even as strategies for disaster preparedness are being developed. The city can be disrupted by a variety of potential disasters.

For example, starting in the 1960s, the Salt River Project has seen a number of catastrophic floods that have not only caused property damage but also resulted in deaths.

Scottsdale City Manager Jan Dolan said the emergency-preparedness plan was first revamped after the Sept. 11, 2001, terrorist strikes in New York and Washington, D.C. Even before Katrina devastated New Orleans and the Gulf Coast, city officials were revisiting the plan as part of its trans-



Scottsdale Republic Rural/Metro firefighters bail out the front entryway of the Safari Hotel after a monsoon storm. Now that Scottsdale has its own Fire Department, disaster planning is ripe for change.

### Talkback

Scottsdale officials should try to learn from what went wrong in the response to Hurricane

### QUICK HIT

Interesting that the Scottsdale Convention and Visitors Bureau is targeting Chicago with its new advertising campaign. Do you know anyone from Chicago who has ever come here? Yeah, right.

A8 • THURSDAY, SEPTEMBER 8, 2005

KATRINA'S AFTERMATH

TRIBUNE

## Disaster could happen here if key dam gave way

Roosevelt break would hit Valley with deadly surge

By JOE KULLMAN  
TRIBUNE

The threat won't come from a hurricane, but there is potential for a Katrina-like disaster in the Valley.

Arizona's location on the continent shields it from hurricanes, and it is unlikely the state will ever see any dramatic impacts even from a far-away storm the size and force of Katrina.

But experts say that if Roosevelt Dam collapsed for any reason, the amount of water unleashed could wreak devastation here similar to the

Gulf Coast catastrophe left by Katrina.

The dam controls the flow from the largest reservoir close to the Valley, Roosevelt Lake, which can hold enough water to cover 1.65 million acres one foot deep.

One scenario projected by the Flood Control District of Maricopa County shows that if anywhere near that volume of water came down the Salt River into the Valley in a massive torrent, water could spill over the riverbanks for several miles to depths up to 40 feet, spokesman Joe Muñoz said.

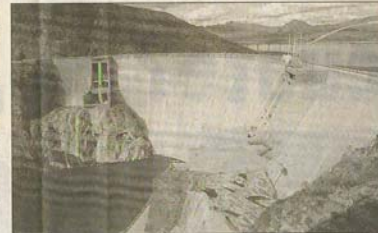
If Roosevelt Dam collapses quickly, the violent cascade of water would almost certainly break through three dams downstream on Apache, Canyon and Saguaro lakes, said Roger Baker, principal

engineer for the Salt River Project, which operates the system of dams and reservoirs.

A federal report made about the time Roosevelt Dam was reinforced in the mid-1990s estimated that such flooding would result in about \$13 billion in damage and the "potential loss of many lives" in the Valley, said SRP spokesman Jeff Lane, quoting the report.

The flooding would not inundate as large an area as Katrina has swamped, but the harm from a such a dam burst could be comparable in other ways, said Osman Aloyo, director of the county's emergency management department.

"We would have less warning than in a hurricane



TRIBUNE FILE

**DANGER POINT:** The collapse of Roosevelt Dam could cause a catastrophe in the Valley, experts say.

scenario, where you can see what's coming three or four days" ahead of time, Aloyo said.

"All we could do is try to

lessen the effects" after the emergency planning officials said county, state and local agencies are doing

than ever to prepare the Valley for natural disasters, but if Roosevelt Dam crumbles rapidly it would overwhelm emergency services. They emphasize, however, that the chance of such an event is remote.

Nine years ago, SRP and the federal Bureau of Reclamation completed a \$430 million rebuilding and expansion of Roosevelt Dam designed to keep it standing through a "Noah's Ark kind of flood" or a severe earthquake, Baker said.

The dam also is more heavily guarded since the Sept. 11, 2001, terrorist attacks.

"Suffice it to say, after 9/11 there was a particular focus on security at the dam,"

CONTACT WRITER: (480) 970-2342  
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Scottsdale Tribune  
9/8/05

For Scottsdale itself, flooding seems the most likely danger, given the Northeast Valley's water-logged history. A big Salt River flood washed out Scottsdale Road businesses on Dec. 31, 1965, and forced evacuations. The Valley was pounded by so-called "100-year floods" in 1978 and 1980 and has seen various degrees of significant flooding in other years. In 1993, a furious Salt River knocked down and swallowed a not-yet-completed Mill Avenue bridge.

Jan Dolan  
City Manager, Scottsdale  
9/15/05



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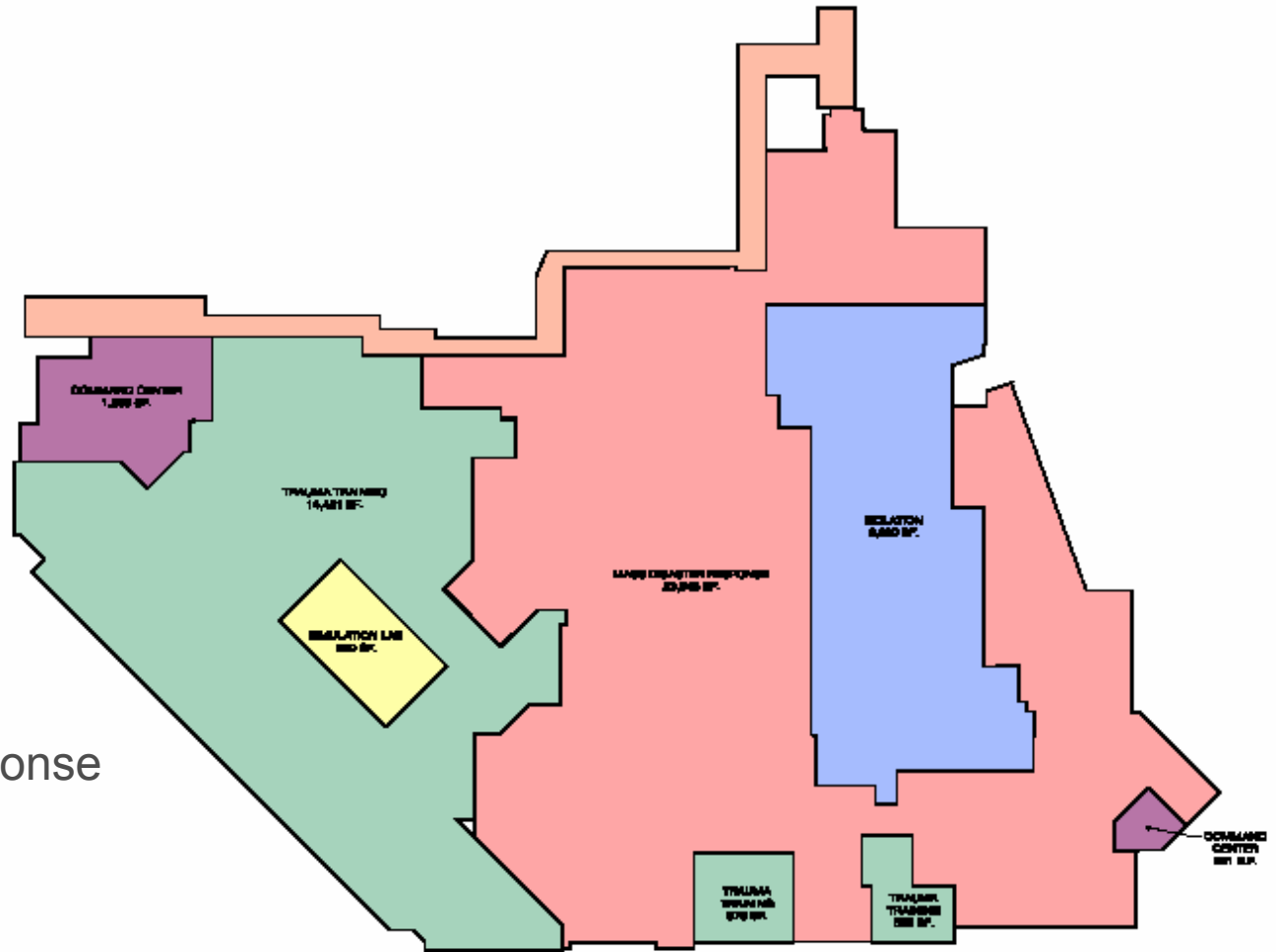
# How did Scottsdale Healthcare get where we are today?





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# What is so Special about SHC's Trauma Center?



**Military Partnership Project - Floor Plan**



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# Trauma Center Features

## Trauma Center Capabilities

- 6 trauma bays
- separate ventilation units
- surge capacity (50)
- CT scanner
- decontam unit (8)
- steel enhanced heliport

## Osborn Hospital Capabilities

- state-of-the-art ICU (28beds);  
surge to 53
- mass decontamination unit (100)
- Infectious Disease Referral Center (pending)
- Chempak storage
- burn surge and telemedicine (pending)

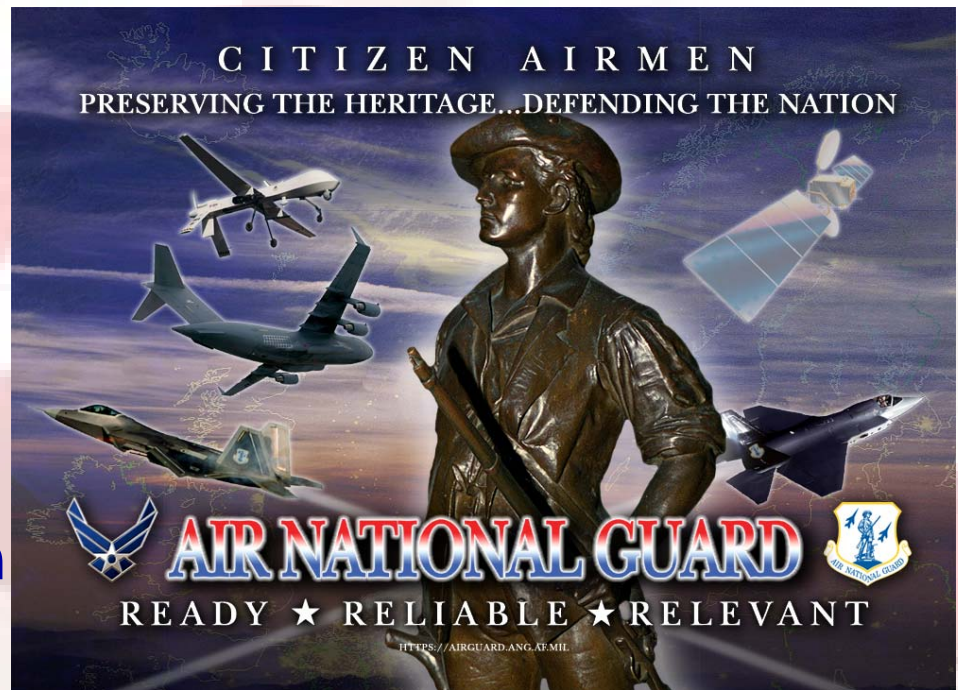




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# Military – Civilian Partnership Focus

- Expert training for military and civilian medical personnel to assure operational excellence.
- Practical, integrated, proactive, and coordinated approach to regional disaster readiness.





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# Corporate and Military Assets

Technology, Expertise, Shared Vision

Utilize state-of-the-art  
command, control, and  
communication  
equipment and  
processes for  
operational excellence.



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# Program Purpose

## Continuous State of Emergency Readiness

**Create, test, and refine innovative programs to sustain trauma and readiness skills for civilian and military medical personnel.**

**Begin and then routinely launch local and regional disaster drills.**





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# Partnership Benefits

- Focal point for multi-disciplinary collaboration
- Optimization of relationships to facilitate coordination during crises: disaster preparedness, natural or man-made
- Availability of increased number of highly trained personnel
- Increased surge capacity in event of disaster
- Access to state-of-the-art technology and processes
- Enhanced educational opportunities for military and civilian professionals at reduced costs
- Customized multi-use training programs unique to each unit and branch
- Preparation for wartime deployment
- Funding through corporations and government
- First to market with new technologies
- Economic infusion into the community





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# Arizona Military Partners





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# Current Training Partners

**161<sup>st</sup> and 162<sup>nd</sup> AZ Air National  
Guard**

**56<sup>th</sup> Medical Group, Luke Air Force  
Base**

**48<sup>th</sup> Rescue Squadron, Davis  
Monthan Air Force Base**

**6253<sup>rd</sup> U.S. Army Hospital**

**188<sup>th</sup> Medical Group, Arkansas Air  
National Guard**

**117<sup>th</sup> Medical Group, Alabama Air  
National Guard**

**In discussions:**

**Fort Huachuca**

**Marine Corps Air Station, Yuma**

**Hawaii Air National Guard**

**944<sup>th</sup> Air Force Reserves**

**189<sup>th</sup> Arkansas Air National  
Guard**





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# Blackhawk Landing

**Scottsdale Healthcare  
Osborn**

**April 12, 2005**





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# Coyote Crisis Core Partners

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**Arizona Air National  
Guard**

**City of Scottsdale  
Scottsdale Healthcare  
General Dynamics**



  
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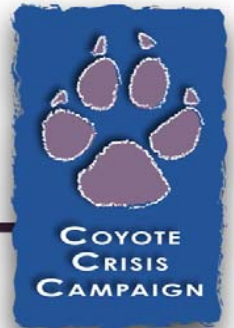
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# Coyote Crisis Campaign (CCC)



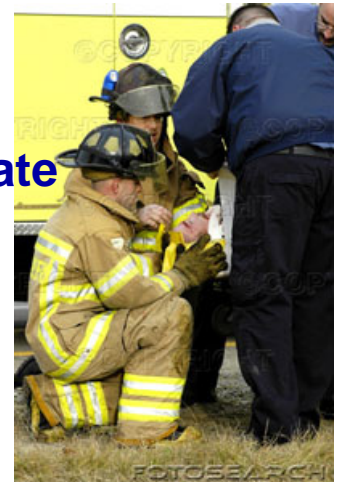
CCC is a regional crisis response campaign designed to exercise stakeholders and invited organizations in emergency crisis response.

## Objectives

- Exercise multiple organizations, each with separate organizational objectives.

## Approach

- Coordinated scheduling to leverage stakeholder organization's support of mutual objective.

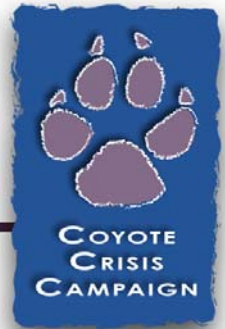


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# Coyote Crisis Coordination



## Executive Council

### Master Schedule

**Coyote  
1**

**AZ Air NG  
Luke AFB  
Army NG**

**Coyote  
2**

**City of  
Scottsdale**

Fire

Police

HLS

**Coyote  
3**

**SHC**

Osborne

Shea

Decon

**Coyote  
4**

**General  
Dynamics**

Crisis  
Response

Fire





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# Campaign Objectives



**Community safety**

**Test military-civilian partnership**

**Effective Disaster response training**

**Effective disaster management coordination**

**Effective inter-organizational and intra-organizational communication**

**Preparedness for response to flu pandemic situations**

**Each organization has multiple objectives specific to meet their training and regulatory needs**



  
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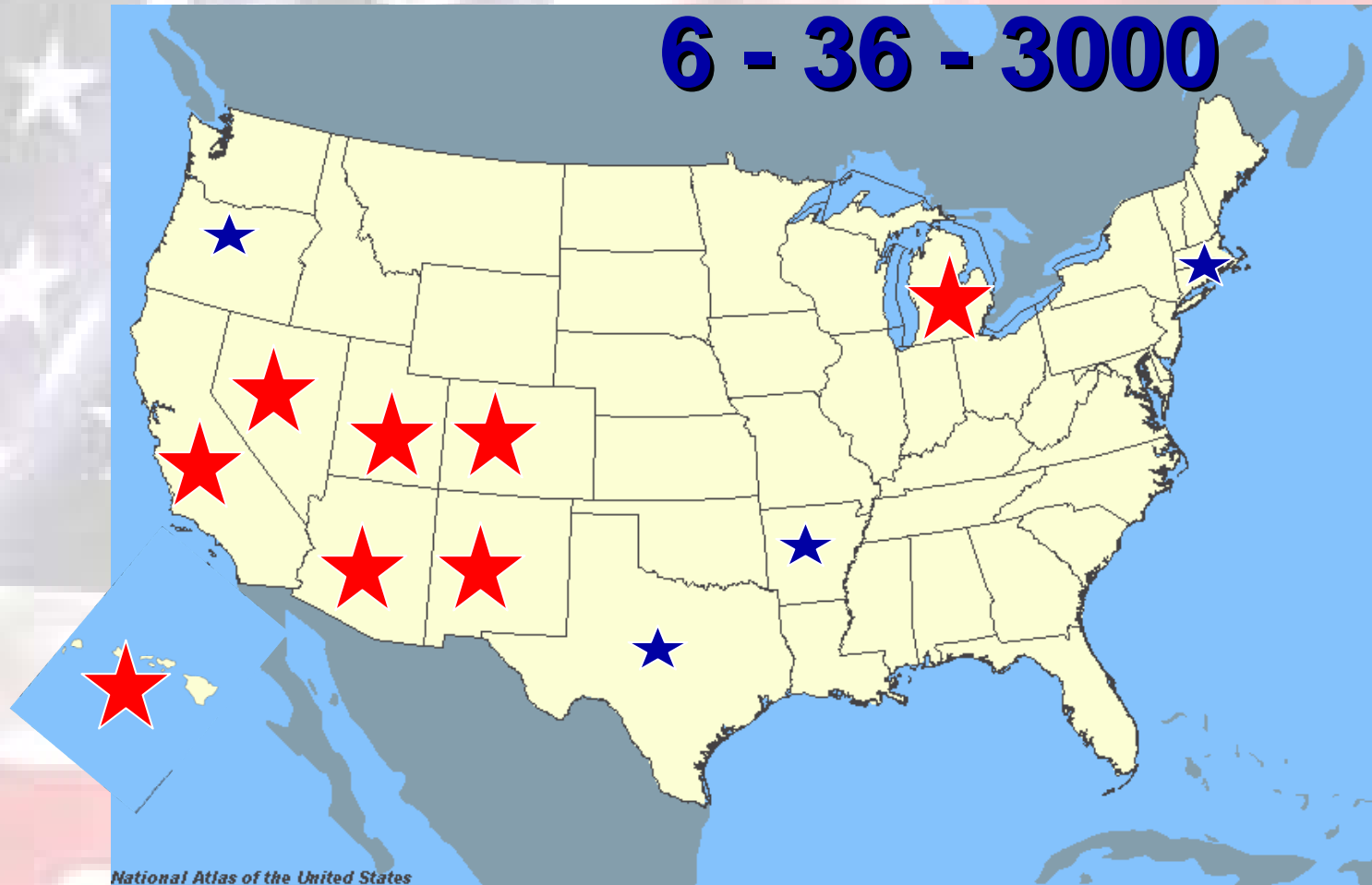




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# Multi-state Participation

6 - 36 - 3000



*National Atlas of the United States*



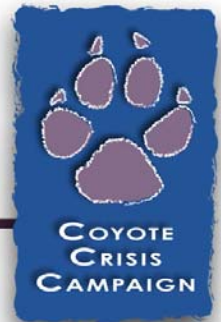
**Participating units**

**Observers**



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# Expeditionary Medical Support



**Combat Operations**

**Humanitarian Assistance**

**Disaster Response**



  
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# EMEDS Hospital Deployment



  
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# Decontamination



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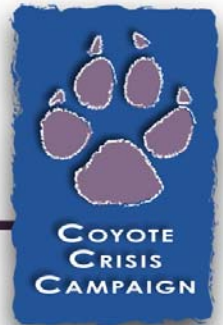
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# SWAT Response, Neighborhood Evacuation



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# Military Training, Classes, and Certification



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# We would ask that you....

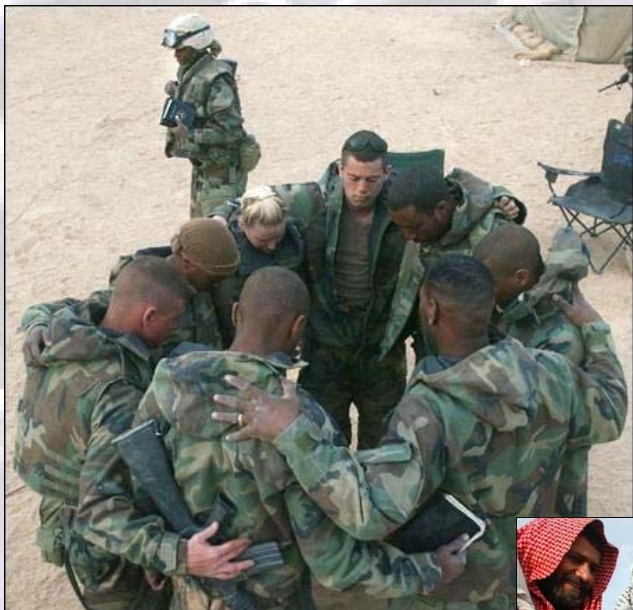
- **Endorse Scottsdale Healthcare's Military-Civilian Partnership**
- **Support our partnership efforts for the 2006 and beyond Coyote Crisis Campaign**
- **Observe the partnership first hand by attending the Opening Ceremony of the Coyote Crisis Campaign , April 24, 2006**





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# Thank you, Questions?





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# THE ARIZONA REPUBLIC

504

azcentral.com

THURSDAY, FEBRUARY 16, 2006

## Thousands to drill for potential disaster in Valley

azcentral.com

Is your family prepared for terrorism or a natural disaster? Find out what you need to do at [preparingaz.azcentral.com](http://preparingaz.azcentral.com).

By Kate Nolan  
THE ARIZONA REPUBLIC

Disaster looms for a Valley cadre that is planning the first homeland security drill of its type, the Coyote Crisis Campaign.

The chief participants, Arizona's Army and Air National

Guard, General Dynamics, Scottsdale and Scottsdale Healthcare, started meeting a year ago to plan for a regional response to terrorist attacks or natural disasters.

That was before Hurricane Katrina in August tragically illustrated the results of uncoordinated civilian, government and

military responses to disaster. The project grew out of a partnership between the National Guard and Scottsdale Healthcare, which trains Guard medical units.

Despite orange terrorism alerts since the Sept. 11 attacks,

See DRILL Page B3

## Drill will assess disaster readiness

DRILL  
Continued from B1

no broad disaster plan had arisen involving government, military, academic institutions and private industry, according to Coyote Crisis Campaign leaders who intend for their project to become a model for other regions.

The Coyote project is based on military opinion that a terrorist attack will happen and the recognition by area civil and health authorities that they may not be prepared for it, leaders say. The disaster drill, to be held April 25-28, includes both live and simulated events and involves Luke Air Force Base, Arizona State University, Maricopa County and major utilities. The group will present its plan to the Governor's Military Affairs Commission next month.

Expected to involve 3,000 individuals, the disaster drill will follow a fictional scenario as gut-wrenching as a Bruce Willis movie for its explosions and carnage, the fictional outcomes of would-be terrorist attacks on Hoover Dam and several local landmarks, including Scottsdale Fashion Square.

Organized as "cells" for the exercise, about 100 participants met in Phoenix last week to assess readiness to deploy

real resources such as Blackhawk helicopters, VIP viewing areas and a 25-bed emergency field hospital for assembly at the Papago Buttes National Guard base.

Residents' normal activities will not be disrupted by the exercise, but increased military air power can be expected over Scottsdale, said Marc Eisen, the city's director of homeland security.

A snafu arose early among the various agencies, whose only universally shared characteristic may be their penchant for boiling down complicated technical terms into alphabet soup.

"Do not use acronyms today," instructed chief planner Mike Fallon, as discussions began at Arizona Air National Guard headquarters. "There are four different entities here with four different languages."

Fallon, a General Dynamics executive who is a former Marine and experienced planner of Marine training exercises, created the disaster scenario, keyed to specific training goals for each of the participants.

The disaster-response training will test the ability of civilian and military authorities to function together in an extreme emergency with more than 10,000 casualties. A Scottsdale Healthcare objec-

tive is to test its extensive decontamination facilities.

"This is a mass casualty event with actors playing in significant enough numbers to stress the system," Fallon said.

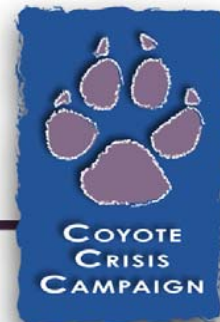
The fantasy plot thickens when explosions and toxins compromise power and water sources.

The Katrina crisis illuminated communication gaps among first responders when cell-phone towers and power sources were disrupted. The Coyote project will deploy emergency transmission facilities provided by Verizon Wireless. General Dynamics, a major defense contractor, is currently studying the problem; a spokeswoman said the disaster drill might be instructive for developing new technology.

The drill will also test the limits of the medical units and evacuation plans for a neighborhood and the General Dynamics plant. The military will provide personnel, air evacuation and medical transport and an on-the-ground medical facility.

Several more weeks of training and fine-tuning will precede D-Day, April 25.

Reach the reporter at [kate.nolan@arizonarepublic.com](mailto:kate.nolan@arizonarepublic.com) or (602) 444-6863.



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# **Additional Information**



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# **U.S. Military Partners and Scottsdale Healthcare**





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# Readiness Skills Sustainment Training Program RSSTP





# RSSTP

- **Training Program you help design to meet your unit specific needs**
- **Didactic/Skills Review/Clinical and Field experiences**
- **Length determined by you**
  - **2 weeks, 1 week, once a month**
  - **Your decision**
- **Sustainment training only (Clinical Only)**



# Sample RSSTP Program

- **Day 1 Orientation and PACS/Computer Training; Hospital Tours**
- **Day 2 Didactic Program:**
  - **Trauma Lecture Series**
  - **Learning stations**
    - **Skill Review**
- **Day 3 Didactic**
  - **Trauma Lecture Series**
  - **Review Air Evac /Field Ambulance Experience**
- **Day 4 Didactic**
  - **Trauma Lecture Series**
  - **Sexual Assault**
  - **Decon-Tent Setup Review**
  - **Patient Decon**



# RSSTP Program Overview

## Day 5-14

- Clinical rotations based on individual training needs
  - Trauma, Emergency, Surgery, Labor & Delivery, Critical Care, Hyperbaric, EMS ground and medical rotor
- Audience:
  - Physicians, nurses, medics, lab, x-ray, supply, cardio-pulmonary, administration



# Teaching Environment

- **Military medical duty enhanced with real trauma and real critical care patients**
- **Learning environment with preceptors**
- **First in line to touch the patient**
- **Billet training, i.e.8404**



# **Future Plans For Multi-Purpose Training Center**

- **Training Rooms designed with the lay out and equipment used in YOUR Real World**
- **Skills labs**
- **Simulation labs**
- **Classrooms**



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# We are all about people protecting, educating, and healing

- Daily work force augmentation for little disasters
- Surge capacity during big disasters

